

MET-L-CHEK COMPANY -- E-59A CLEANER -- 6850-00-160-8481

===== Product Identification =====

Product ID:E-59A CLEANER

MSDS Date:02/04/1998

FSC:6850

NIIN:00-160-8481

Status Code:A

Kit Part:Y

MSDS Number: CJLKB

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID ST

City:SANTA MONICA

State:CA

ZIP:90404-3770

Country:US

Info Phone Num:310-450-1111

Emergency Phone Num:310-450-11

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Chemtrec Ind/Phone:(800)424-9300

CAGE:98733

=== Contractor Identification ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID ST

Box:00000

City:SANTA MONICA

State:CA

ZIP:90404

Country:US

Phone:310-450-1111/FAX 310452-4046

Contract Num:SP0450-98-M-CN72

CAGE:98733

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID ST

Box:00000

City:SANTA MONICA

State:CA

ZIP:90404

Country:US

Phone:310-450-1111/FAX 310452-4046

Contract Num:SP0450-99-M-C800

CAGE:98733

===== Composition/Information o

n Ingredients =====

Ingred Name:V.M. AND P. NAPHTHA
CAS:8032-32-4
RTECS #:OI6180000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:300 PPM
ACGIH TLV:300 PPM

Ingred Name:TOLUENE
CAS:108-88-3
RTECS #:XS5250000
< Wt:5.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM
Code:F
OSHA STEL:C 300 PPM
Code:F
ACGIH TLV:188 MG/M3;50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENE
CAS:1330-20-7
RTECS #:ZE2100000
< Wt:12.
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:434 MG/M3;10
0 PPM
ACGIH STEL:651 MG/M3;150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYLBENZENE
CAS:100-41-4
RTECS #:DA0700000
< Wt:4.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM (435 MG/M3)
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:543 MG/M3;125 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:BUTANE
CAS:106-97-8
RTECS #:EJ4200000
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:1900 MG/M3;800 PPM

Ingred Name:PROPANE
CAS:74-98-6
RTECS #:TX2275000
Other REC Limits:NONE RECOMM

ENDED
OSHA PEL:1800 MG/M3;1000 PPM

Ingred Name:ISOBUTANE
CAS:75-28-5
RTECS #:TI4300000
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, RESPIRATORY
SYSTEM, LIVER, KIDNEYS, CNS (NIOSH). CAN CAUSE SEVERE IRRIATION OF
EYES. CAN DEFAT THE SKIN AND CAUSE DERMATITIS. EXC
ESSIVE INHALATION
OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS,
HEADACHE OR OTHER CENTRAL NERVOUS SYSTEM EFFECTS.
Explanation of Carcinogenicity:NA
Effects of Overexposure:IRRITATION OF EYES, SKIN, OR RESPIRATORY TRACT.

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===== First Aid Measures =====

First Aid:FLUSH EYES OR SKIN WITH WATER, WASH SKIN WITH SOAP AND WATER.
GET MEDICAL ATTENTION. REMOVE TO FRESH AIR AND PROVIDE OXYGEN IF
BREATHING IS DIFFICULT. GET MEDICAL
ATTENTION.

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===== Fire Fighting Measures =====

Flash Point Method:TCC
Flash Point:=12.2C, 54.F
FLAMMABL AEROSOL
Lower Limits:.9
Upper Limits:6
Extinguishing Media:REGULAR FOAM, DRY CHEMICAL OR CO2
Fire Fighting Procedures:VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL
ALONG THE GROUND AND BE IGNITED BY OPEN FLAMES OR OTHER IGNITION
SOURCES.
Unusual Fire/Explosion Hazard:NONE

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===== Accidental Release Measures =====

Spill Release

Procedures:ELIMINATE SOURCES OF IGNITION. ABSORB ON
VERMICULITE OR OTHER ABSORBENT, TRANSFER TO HOOD. FOR LARGE SPILLS
WEAR NIOSH APPROVED AIR SUPPLIED RESPIRATOR, TRANSFER ABSORBED
MATERIAL TO CLOSED CONTAINERS .

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Handling and Storage
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Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS AND FLAME.
EMPTY CONTAINERS MAY CONTAIN EXPLOSIVE VAPORS. STATIC ELECTRICITY
MAY ACCUMULATE, SO GROUND EQUIPMENT.

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Exposure Controls/Personal Protection
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Respiratory Protection:IF EXPOSURE EXCEEDS TLV, USE NIOSH APPROVED AIR
SUPPLIED RESPIRATOR.

Ventilation:LOCAL AND MECHANICAL EXHAUST TO MAINTAIN EXPOSURE BELOW
TLV.

Protective Gloves:NITRILE OR NEOPRENE

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:TO PREVENT REPEATED OR PROLONGED SKIN
CONTACT.

Work Hygienic Practices:AVOID SKIN AND EYE CONTACT. WASH HANDS BEFORE
EATING OR SMOKING.

Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:V3

Boiling Pt:>115.6C, 240.F

B.P. Text:240-285F

Vapor Pres:15(MM HG)

Vapor Density:3.8

Spec Gravity:.727-.750

Evaporation Rate & Reference:9.2(ETHER=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR LIQUID, SOLVENT ODOR. AEROSOL

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, F

LAME AND CONTACT WITH STRONG
OXIDIZING AGENTS.

Hazardous Decomposition Products:MAY FORM TOXIC CARBON MONOXIDE OR
CARBON DIOXIDE

===== Toxicological Information =====

Toxicological Information:NO DATA.

===== Ecological Information =====

Ecological:NO DATA.

===== Disposal Considerations =====

Waste Disposal Methods:SMALL AMOUNTS MAY BE EVAPORATED IN HOOD. LARGE
AMOUNTS SHOULD BE DISPOS
ED IN AN APPROVED INCINERATOR.

===== MSDS Transport Information =====

Transport Information:US DOT INFORMATION (AEROSOL): SHIPPING NAME:
CONSUMER COMMODITY. LABEL: ORM-D. HAZARD CLASS: NONE.
IDENTIFICATION NUMBER: NONE. PACKING GROUP: NONE. REPORTABLE
QUANTITY-49 CFR 172.101: POUNDS OF PRO DUCT: 11111;
COMPONENT-XYLENES (O-,M-,P- ISOMERS). POUNDS OF PRODUCT: 50000;
COMPONENT-BENZENES.

===== Regulatory Information =====
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SARA Title III Information:THIS PRODUCT CONTAINS THE FOLLOWING TOXIC
CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF
THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT (EPCRA) OF
1986 AND OF 40 CFR 372: TO LUENE, XYLENE, ETHYL BENZENE

State Regulatory Information:CALIFORNIA PROPOSITION 65 NOTICE:
DETECTABLE AMOUNTS OF SOME CHEMICALS KNOWN TO THE STATE OF
CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM MAY BE
FOUND.

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Other Information
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